

ARCACEA (MOLLUSCA : BIVALVIA) TYPES IN THE BRITISH MUSEUM (NATURAL HISTORY)

By Mrs S. E. STEVENSON

THE following list of type specimens of the bivalve superfamily Arcacea in the BMNH includes details of locality and probable present taxonomic position. A list has also been made of types which could have been deposited in this Museum but which have not been isolated and may reside elsewhere.

When the type lot included more than one specimen, then all specimens are regarded as syntypes, figured specimens thus do not automatically become holotypes. Lectotypes are only referred to where they have been selected by earlier authors. The localities refer to that published and where relevant, details of that accompanying the specimen are given in square brackets. The probable present taxonomic position of each species has been arrived at after the curation of the collections but this decision has been greatly assisted by the following authors: Keen (1958), Lamy (1907), Lynege (1909), Olsson (1961) and Prashad (1932).

I wish to thank all members of the Mollusca Section of the BMNH for their help and guidance, particularly Dr J. D. Taylor, under whose supervision this work was carried out.

aceraea Melvill and Standen 1899 : 186, pl. 10, fig. 15, as *Acar* (*Barbatia*) loc. Torres Strait. 1 Syntype. Reg. no. 1899.2.23.23. = *Arcopsis aceraea* (Melvill and Standen, 1899).

adamsiana Dunker, 1866 : 88, pl. 29, fig. 4, as *Arca* loc. China Seas. 2 Syntypes. Reg. no. 1969241. = *Barbatia bistrigata* (Dunker, 1866).

africana Sowerby, 1904 : 4, pl. 6, fig. 4, as *Arca* (*Scapharca*) loc. 18 m N.W. Mouth of Tugela River, South Africa, 55 fm. Holotype. Reg. no. 1904.12.23.171. = *Anadara ferruginea* (Reeve, 1844).

alternata Sowerby, 1833 : 17, as *Byssoarca* loc. West Columbia. 3 Syntypes. Reg. no. 1969233. = *Barbatia alternata* (Sowerby, 1833).

americana d'Orbigny, 1846 : 632, as *Arca* loc. Brazil. Holotype. Reg. no. 1854.12.4.782. = *Lunarca campechiensis* (Gmelin, 1791).

anaclima Melvill and Standen, 1907 : 794, pl. 54, fig. 6, as *Arca* (*Bathyarca*) loc. (i) Gulf of Oman, Persian Gulf. 24°58'N 56°54'E 156 fms. (ii) 25°10'N 60°34'E 40 fms [not located in B.M.(N.H.)]. 8 × $\frac{1}{2}$ Syntypes. Reg. no. 1907.5.3.69-72. = *Bathyarca anaclima* (Melvill and Standen, 1907).

angicostata Reeve, 1844 : sp. 57, as *Arca* loc. Not known. [Specimen label: North Western Australia, sand banks low water.] Possible Holotype. Reg. no. 1969252. = *Anadara clathrata* (Reeve, 1844).

angulata King and Broderip, 1832 : 336 as *Arca* loc. Juan Fernandez. [Specimen label: Cumberland Bay.] 2 Syntypes. Reg. no. 1969202. = *Arca angulata* King and Broderip, 1832.

- avellanaria** Melvill and Standen, 1907 : 797, pl. 54, fig. 3, as *Barbatia* (*Acar*) loc. Gulf of Oman, Persian Gulf. 24°58'N 56°54'E. 156 fms. 3 × $\frac{1}{2}$ Syntypes. Reg. no. 1907.5.3.55-7. = *Bentharcia avellanaria* (Melvill and Standen, 1907).
- aviculoides** Reeve, 1844 : sp. 63 as *Arca* loc. St Elena. [Specimen label: St Elena and Ceylon.] 3 Possible Syntypes. Reg. no. 1969215. = *Anadara aviculoides* (Reeve, 1844).
- barbadensis** d'Orbigny, 1846 : 321, as *Arca* loc. Cuba. [Specimen label: Martinique.] 2 Syntypes. Reg. no. 1854.10.4.589. = *Arca noae* (Linnaeus, 1758).
- bensoni** H. Adams, 1872 : 14, pl. 3, fig. 24, as *Scaphula* loc. Not known. 3 Syntypes. Reg. no. 1878.1.2.8.86. = *Scaphula pinna* Benson, 1856.
- bicarinata** Sowerby, 1901 : 211, pl. 22, fig. 14, as *Arca* loc. Island of Cebu, Philippines. 3 Syntypes. Reg. no. 1901.10.3.6-8. = *Arca ventricosa* Lamarck, 1819.
- bicops** d'Orbigny, 1846 : 652, as *Arca* loc. Rio de Janeiro, Brazil. Holotype. Reg. no. 1854.12.4.781. = *Anadara chemnitzii* (Philippi, 1851).
- bifrons** Carpenter, 1857 : 134 as *Arca* loc. Mazatlan. Lectotype (Selected by Keen, 1968). Reg. no. 1969209. Paralectotype. Reg. no. 1969259. = *Anadara bifrons* (Carpenter, 1857).
- birleyana** Melvill and Standen, 1907 : 794, pl. 53, fig. 8, as *Arca* (*Scapharca*) loc. Thairi, Persian Gulf. Holotype. Reg. no. 1907.5.3.5. = *Anadara vellicata* (Reeve, 1844).
- bistrigata** Dunker, 1866 : 87, pl. 30, fig. 4-6, as *Arca* loc. Bombay. 2 × $\frac{1}{2}$ Syntypes. Reg. no. 1969242. = *Barbatia bistrigata* (Dunker, 1866).
- brevifrons** Sowerby, 1833 : 22, as *Arca* loc. Tumbes, Peru. Holotype. Reg. no. 1969256. = *Lunarca brevifrons* (Sowerby, 1833).
- britannica** Reeve, 1844 : sp. 98, as *Arca* loc. Devonshire coast, Britain. [Specimen label: Britain.] 3 Possible Syntypes. Reg. no. 1969199. = *Arca tetragona* Poli, 1795.
- bullata** Reeve, 1844 : sp. 107, as *Arca* loc. Not known. 3 Syntypes. Reg. no. 1969218. = *Barbatia helblingii* (Bruguière, 1789).
- caelata** Reeve, 1844 : sp. 110, as *Arca* loc. Not known. Holotype. Reg. no. 1969224. = *Barbatia caelata* (Reeve, 1844).
- carpenteri** Dunker, 1866 : 86, pl. 30, figs 7-9, as *Anomalocardia* loc. Australia. [Specimen label: South Australia.] Holotype. Reg. no. 1969176. = *Anadara ? indica* (Gmelin, 1791).
- cepoidea** Reeve, 1844 : sp. 66, as *Arca* loc. San Miguel, South America. Holotype. Reg. no. 1969217. = *Anadara cepoidea* (Reeve, 1844).
- chalcanthum** Reeve, 1844 : sp. 43, as *Arca* loc. San Nicolas, Island of Zebu, Philippines. [Specimen label: Island of Zebu.] 3 Syntypes. Reg. no. 1969162. = *Anadara gubernaculum* (Reeve, 1844).
- cibotina** Melvill and Standen, 1907 : 795, pl. 54, fig. 4, as *Arca* (*Scapharca*) loc. Gulf of Oman, Persian Gulf. 24°58'N 56°54'E. 156 fms. 7 × $\frac{1}{2}$ Syntypes. Reg. no. 1907.5.3.12-14. = *Samacarc cibotina* (Melvill and Standen, 1907).
- clathrata** Reeve, 1844 : sp. 48, as *Arca* loc. Island of Burias and Ticao, Philippines. 2 × $\frac{1}{2}$ Syntypes. Reg. no. 1969172. = *Anadara clathrata* (Reeve, 1844).
- cometa** Reeve, 1844 : sp. 111, as *Arca* loc. Sarsogan, Island of Luzon, Philippines. [Specimen label: Island of Luzon.] 3 Syntypes. Reg. no. 1969185. = *Barbatia cometa* (Reeve, 1844).

- concinna** Sowerby, 1833 : 20, as *Arca* loc. Central America. [Specimen label: Gulf of Nicoya.] 3 Syntypes. Reg. no. 1969231. = *Anadara concinna* (Sowerby, 1833).
- congenita** Smith, 1885 : 264, pl. 17, fig. 6, 6a, as *Arca* (*Acar*) loc. Sta. 201, off West coast Mindanao, Philippines. 82 fms, stone and gravel. 2 Syntypes. Reg. no. 1887.2.9.3122. = *Barbatia plicata* (Dillwyn, 1817).
- consociata** Smith, 1885 : 266, pl. 17, fig. 7, 7a, as *Arca* loc. Sta. 189, Arafura Sea. 25 fms. 3 Syntypes. Reg. no. 1887.2.9.3128. = *Anadara ferruginea* (Reeve, 1844).
- contraria** Reeve, 1844 : sp. 55, as *Arca* loc. Not known. Holotype. Reg. no. 1969246. = *Noetia ponderosa* (Say, 1822).
- cornea** Reeve, 1844 : sp. 16, as *Arca* loc. Basey, Island of Samar, Philippines. 3 Syntypes. Reg. no. 1969171. = *Anadara cornea* (Reeve, 1844).
- corpulenta** Smith, 1885 : 263, pl. 17, fig. 5-5b, as *Arca* (*Barbatia*) loc. (i) Sta. 184 E. of Cape York, North Australia. 1400 fm. (ii) Sta. 194 S. of Amboina. 200 fm. (iii) Sta. 198 off N.E. extremity of Celebes. 2150 fm. (iv) Sta. 216A N.W. of New Guinea. 2000 fm. (v) Sta. 271 Mid Pacific 2425 fm. (vi) Sta. 300 near I. of Juan Fernandez off Chilean coast. 1375 fm. [Not located in BMNH] 6 Syntypes. Reg. no. (i) 1887.3.9.3120-1. (ii) 1889.11.11.13. (iii) 1887.2.9.3118. (iv) 1889.11.11.132. (v) 1889.11.11.134. = ?*Bathyarca corpulenta* (Smith, 1885).
- crebricostata** Reeve, 1844 : sp. 61, as *Arca* loc. Not known. 2 Syntypes. Reg. no. 1969165. = *Anadara crebricostata* (Reeve, 1844).
- culebrensis** Smith, 1885 : 268, pl. 17, fig. 9-9b, as *Arca* (*Scapharca*) loc. Sta. 24, off Culebra Island, West Indies. 390 fm. 2 Syntypes. Reg. no. 1887.2.9.3138. = *Bathyarca culebrensis* (Smith, 1885).
- cunealis** Reeve, 1844 : sp. 87 and erratta, as *Arca* loc. Zanzibar. $2 \times \frac{1}{2}$ Syntypes. Reg. no. 1969198. = *Arca avellana* Lamarck, 1819.
- cuneata** Reeve, 1844 : sp. 37, as *Arca* loc. Zanzibar. [Specimen label: Shanghi.] Possible Holotype. Reg. no. 1969180. = *Anadara granosa* (Linnaeus, 1758).
- cuneata** Reeve, 1844 : sp. 87 (non sp. 37), as *Arca* see **cunealis** Reeve, 1844.
- cylindrica** Wood, 1828 : 6, pl. 2, fig. 3, as *Arca* loc. Not known. Holotype. Reg. no. 1969191. = *Barbatia barbata* (Linnaeus, 1758).
- cymbaeformis** Reeve, 1844 : sp. 31, as *Arca* loc. Not known. Possible Holotype. Reg. no. 1969212. = *Anadara* ? *cornea* (Reeve, 1844).
- dalli** Smith, 1885 : 269, pl. 17, fig. 10-10b, as *Arca* (*Macrodon*) loc. Sta. 233a, off Kobe, Japan. 50 fms. Holotype. Reg. no. 1887.2.9.3141. = *Poterius dalli* (Smith, 1885).
- decussata** Sowerby, 1833 : 18, as *Byssorarca* loc. Pacific Ocean. [Specimen label: Lord Hood's Island.] 3 Syntypes. Reg. no. 1969232. = *Barbatia helblingii* (Bruguière, 1789).
- deshayesii** Hanley, 1843 : 157, pl. 18, fig. 42, as *Arca* loc. Indian Ocean. [Specimen label: no locality.] Possible Holotype. Reg. no. 1907.10.28.126. = *Anadara deshayesii* (Hanley, 1843).
- disparilis** Reeve, 1844 : sp. 59, as *Arca* loc. Not known. 1 Syntype. Reg. no. 1969164. = *Anadara inaequalis* (Bruguière, 1792).
- divaricata** Sowerby, 1833 : 18, as *Byssorarca* loc. Annaa Island and Chain Island. [Specimen label: Annaa Island.] $2 \times \frac{1}{2}$ Syntypes. Reg. no. 1969226. = *Barbatia plicata* (Dillwyn, 1817).

- dubia** Baird, 1873 : 453, pl. 42, fig. 5-6, as *Arca* (*Byssarca*) loc. New Caledonia. Holotype. Reg. no. 1969239. = *Barbatia domingensis* (Lamarek, 1819).
- eximia** Dunber, 1866 : 90, pl. 30, fig. 1-3, as *Barbatia* loc. Not known. Holotype. Reg. no. 1969192. = *Barbatia barbata* (Linnaeus, 1758).
- fasciata** Reeve, 1844 : sp. 99, as *Arca* loc. Not known. [Specimen label: Sydney, under stones low water.] 3 Possible Syntypes. Reg. no. 1969182. = *Barbatia fasciata* (Reeve, 1844).
- ferruginea** Reeve, 1844 : sp. 39, as *Arca* loc. Not known. [Specimen label: China Seas.] 3 Possible Syntypes. Reg. no. 1969178. = *Anadara ferruginea* (Reeve, 1844).
- formosa** Sowerby, 1833 : 20, as *Arca* loc. Gulf of Tehuantepec, Central America. 2 Syntypes. Reg. no. 1969234. = *Anadara formosa* (Sowerby, 1833).
- fultoni** Sowerby, 1907 : 302, pl. 25, fig. 11, as *Arca* (*Scapharca*) loc. Manila, Philippines. Holotype. Reg. no. 1907.8.28.30. = *Anadara crebricostata* (Reeve, 1844).
- gambiensis** Reeve, 1844 : sp. 36, as *Arca* loc. Mouth of River Gambia, Africa. 3 Syntypes. Reg. no. 1969211. = ?*Sheldonella gambiensis* (Reeve, 1844).
- gibbosa** Reeve, 1844 : sp. 20, as *Arca* loc. Not known. 1 Syntype. Reg. no. 1969216. = *Anadara* ? *gibbosa* (Reeve, 1844).
- glacialis** Gray, 1824 : 244, as *Arca* loc. Not given. [Specimen label: Prince Regents Inlet.] 12 Syntypes. Reg. no. 1841 4 19 14-22. = *Bathyarca glacialis* (Gray, 1824).
- globosa** Reeve, 1844 : sp. 52, as *Arca* loc. Catbalonga, Island of Samar, Philippines. 4 fms, in coarse sand and gravel. 2 Syntypes. Reg. no. 1969166. = *Anadara inaequivalvis* (Bruguère, 1792).
- gradata** Broderip and Sowerby, 1830 : 365, as *Arca* loc. Mazatlan, Pacific Ocean. [Specimen label: no locality.] Possible Holotype. Reg. no. 1858.5.12.100. = *Barbatia gradata* (Broderip and Sowerby, 1830).
- gubernaculum** Reeve, 1844 : sp. 14, as *Arca* loc. Basey, Island of Samar, Philippines 4 fms, coarse sand and shell. 3 Syntypes. Reg. no. 1969168. = *Anadara gubernaculum* (Reeve, 1844).
- hians** Reeve, 1844 : sp. 62, as *Arca* loc. Not known. [Specimen label: Ceylon.] Possible Holotype. Reg. no. 1969179. = *Anadara* ? *indica* (Gmelin, 1790).
- holoserica** Reeve, 1844 : sp. 11, as *Arca* loc. Island of Samar, Philippines. [Specimen label: Catbalonga, Island of Samar.] 3 Syntypes. Reg. no. 1969174. = *Anadara wopignielana* (Bory St Vincent, 1824).
- illota** Sowerby, 1833 : 18, as *Byssarca* loc. Central America. [Specimen label: Gulf of Nicoiya.] 3 Syntypes. Reg. no. 1969235. = *Barbatia illota* Sowerby, 1833.
- imitata** Smith, 1885 : 321, as *Arca* (? *Barbatia*) loc. Sta. 244 Mid-North Pacific 2900 fms. 3 Syntypes. Reg. no. 1887.2.9.3350-2. = *Bathyarca imitata* (Smith, 1885).
- inaequisculpta** Smith, 1885 : 267, pl. 17, fig. 8, 8c, as *Arca* (*Scapharca*) loc. Sta. 24 off Culebra Island, West Indies 390 fm. $0 \times \frac{1}{2}$ Syntypes. Reg. no. 1887.2.9.3132-7. = *Bathyarca inaequisculpta* (Smith, 1885).
- inflata** Reeve, 1844 : sp. 30 as *Arca* loc. Ho Ho, Island of Panay, Philippines. 2 Syntypes. Reg. no. 1969167. = *Anadara broughtoni* (Schrenck, 1867).
- insignis** Dunker, 1867 : 93 pl., 31 fig., 11-13, as *Arca* loc. Not known. Holotype. Reg. no. 1969201. = *Arca noae* Linnaeus, 1758.

- japonica** Reeve, 1844 : sp. 32 as *Arca* loc. Coast of Japan. 3 Syntypes. Reg. no. 1969169. = *Anadara indica* (Gmelin, 1790).
- labiosa** Sowerby, 1833 : 21, as *Arca* loc. Tumbes, Peru. [Specimen label: Peru.] 3 Syntypes. Reg. no. 1969210. = *Anadara labiosa* (Sowerby, 1833).
- laminata** Angas, 1865 : 697, as *Barbatia (Acar)* loc. St Vincent's Gulf, South Australia. [Specimen label : South Australia.] 2 Syntypes. Reg. no. 1870.10.26.43. = *Barbatia plicata* (Dillwyn, 1817).
- lateralis** Reeve, 1844 : sp. 15, as *Arca* loc. Philippine Islands. 2 Syntypes. Reg. no. 1969244. = *Sheldonella lateralis* (Reeve, 1844).
- lima** Reeve, 1844 : sp. 101, as *Arca* loc. Island of Burias and Corrigidor, Philippines. [Specimen label: Philippines.] 2 Syntypes. Reg. no. 1969219. = *Barbatia helblingii* (Bruguière, 1789).
- lithodomus** Sowerby, 1833 : 16, as *Byssosarca*. loc. Monte Christo. [Specimen label: West Columbia.] 3 Syntypes. Reg. no. 1969230. = *Litharca lithodomus* (Sowerby, 1833).
- loricata** Reeve, 1844 : sp. 58, as *Arca* loc. Not known. 3 Syntypes. Reg. no. 1969253. = *Anadara cornea* (Reeve, 1844).
- lurida** Sowerby, 1833 : 19, as *Byssosarca*. loc. Santa Elena. 3 Syntypes. Reg. no. 196728. = *Barbatia lurida* (Sowerby, 1833).
- luzonica** Reeve, 1844 : sp. 44, as *Arca*. loc. Island of Luzon, Philippines. 2 Syntypes. Reg. no. 1969163. = *Anadara gubernaculum* (Reeve, 1844).
- maculata** Sowerby, 1833 : 17, as *Byssosarca*. loc. Pacific Ocean. [Specimen label: Lord Hood's Island]. 3 Syntypes. Reg. no. 1969207. = *Arca avellana* (Lamarck, 1819).
- maculosa** Reeve, 1844 : sp. 24, as *Arca*. loc. North Coast, Australia. [Specimen label: Australia]. 2 Syntypes. Reg. 1969170. = *Anadara antiquata* (Linnaeus, 1758).
- margarethae** Melvill and Standen, 1907 : 797, pl. 54, fig. 5, as *Barbatia (Acar)* loc. Gulf of Oman, Persian Gulf. 24°58'N 56°54'E. 154 fms. 4 Syntypes. Reg. no. 1907.5.3.27-31. = *Barbatia plicata* (Dillwyn, 1817).
- minuta** Reeve, 1844 : sp. 112, as *Arca* loc. Philippine Islands. 12 Syntypes. Reg. no. 1969221. = *Bathyarca minuta* (Reeve, 1844).
- mutabilis** Sowerby, 1833 : 17, as *Byssosarca*. loc. West Columbia. 3 Syntypes. Reg. no. 1969165. = *Arca imbricata* Bruguière, 1792.
- myristica** Reeve, 1844 : sp. 42, as *Arca*. loc. Jimamailan, Island of Negros, Philippines. [Specimen label: I. of Negros.] 3 Syntypes. Reg. no. 1969213. = *Anadara clathrata* (Reeve, 1844).
- navicella** Reeve, 1844 : sp. 114, as *Arca* loc. Calipan, Island of Mindoro, Philippines. [Specimen label: I. of Mindoro.] 4 Syntypes. Reg. no. 1969249. = *Arcopsis navicella* (Reeve, 1844).
- nodifera** von Martens, 1860 : 17, as *Arca*. loc. Bangkok. 2 Syntypes. Reg. no. 1969175. = *Anadara granosa* (Linnaeus, 1758).
- novaealedoniae** Baird, 1873 : 452, pl. 42, fig. 4, as *Arca*. loc. New Caledonia. Holotype. Reg. no. 1969240. = *Anadara antiquata* (Linnaeus, 1758).
- novaezealandiae** Smith, 1885 : 88, pl. 2, fig. 1,2, as *Arca (Barbatia)*. loc. St. 96, North of New Zealand. 70 fms. 3 Syntypes. Reg. no. 1852.3.13.110-2. = *Barbatia helblingii* (Bruguière, 1789).

- nux** Sowerby, 1833 : 19, as *Arca* loc. Xipixapi, Peru. [Specimen label: Peru.] 3 Syntypes. Reg. no. 1969229. = *Anadara nux* (Sowerby, 1833).
- obesa** Sowerby, 1833 : 21, as *Arca* loc. West Columbia [Specimen label: Atacamas.] 3 Syntypes. Reg. no. 1969237. = *Anadara obesa* (Sowerby, 1833).
- obliquata** Wood, 1828 : 6, pl. 2, fig. 4, as *Arca* loc. Not known. Holotype. Reg. no. 1969190. = *Barbatia obliquata* (Wood, 1828).
- obtusa** Reeve, 1844 : sp. 77, as *Arca* loc. Coast of Japan. 3 Syntypes. Reg. no. 1969189. = *Barbatia obliquata* (Wood, 1828).
- occlusa** Reeve, 1844 : sp. 64, as *Arca* loc. Not known. 1 Syntype. Reg. no. 1969160. = *Anadara ? cornea* (Reeve, 1844).
- ocellata** Reeve, 1844 : sp. 102, as *Arca* loc. Singapore. Holotype. Reg. no. 1969200. = *Arca ocellata* Reeve, 1844.
- olivacea** Reeve, 1844 : sp. 113, as *Arca* loc. San Nicolas, Island of Zebu, Philippines. [Specimen label: Island of Zebu.] 3 Syntypes. Reg. no. 1969245. = *Striarca olivacea* (Reeve, 1844).
- ovata** Reeve, 1844 : sp. 49, as *Arca* loc. St Elena, South America. 2 Syntypes. Reg. no. 1969214. = *Anadara aequatorialis* (d'Orbigny, 1847).
- pacifica** Sowerby, 1833 : 17, as *Byssarca* loc. St Elena. [Specimen label: South America.] 2 Syntypes. Reg. no. 1969197. = *Arca pacifica* (Sowerby, 1833).
- parva** Sowerby, 1833 : 19, as *Byssarca* loc. Pacific Ocean Island. [Specimen label: Ducie I.] 4 Syntypes. Reg. no. 1969206. = *Barbatia parva* (Sowerby, 1833).
- pectinoides** King and Broderip, 1832 : 336, as *Arca* loc. Rio de Janeiro. 2 × $\frac{1}{2}$ Syntypes. Reg. no. 1969255. = *Lunarca pectinoides* (King and Broderip, 1832).
- pectunculiformis** Dunker, 1866 : 88, pl. 28, fig. 4-6, as *Barbatia* loc. Borneo Coast. Holotype. Reg. no. 1969257. = *Striarca ? afra* (Gmelin, 1790).
- pilula** Reeve, 1844 : sp. 8, as *Arca* loc. Island of Burias, Philippines. 3 Syntypes. Reg. no. 1969161. = *Anadara pilula* (Reeve, 1844).
- pteroessa** Smith, 1885 : 262, pl. 17, fig. 4-46, as *Arca* (*Barbatia*) loc. (i) Sta. 24 off Culebra, West Indies 390 fm. (ii) Sta. 71, West of Azores 1675 fm. (iii) Sta. 73, West of Azores 1000 fm. (iv) Sta. 246 Mid North Pacific Ocean, 2050 fms. 7 Syntypes (2 with Binds disease)*. Reg. no. (i) 1887.2.9.31159. (ii) 1887.2.9.31114 (iii) 1887.2.9.31113. (iv) 1887.2.9.31115-7. = *Bathyarca asperula* (Dall, 1881).
- pulchella** Reeve, 1844 : sp. 122, as *Arca* loc. Algeria. 4 Syntypes. Reg. no. 1969223. = *Barbatia pulchella* (Reeve, 1844).
- pusilla** Sowerby, 1833 : 18, as *Byssarca* loc. Iquiqui, Peru. Holotype. Reg. no. 1969236. = *Barbatia domingensis* (Lamarck, 1819).
- quadrilatera** Sowerby, 1833 : 22, as *Arca* loc. Real Llejos. [Specimen label: Bay of Guayaquil.] 2 Possible Syntypes. Reg. no. 1969228. = *Larkinia grandis* (Broderip and Sowerby, 1829).
- radula** Smith, 1885 : 260, pl. 17, fig. 3-3b, as *Arca* (*Barbatia*). loc. (i) Port Philip, South Australia. (ii) Sta. 162 off East Moncoeur Island, Bass Strait 38 fm. 5 Syntypes. Reg. no. (i) 1969183. (ii) 1887.2.9.3109-11. = *Barbatia fasciata* (Reeve, 1844).

* Result of acetic acid (which exudes from English oak, old cotton wool and old glass) reacting with calcium carbonate to form calcium acetate.

- reeveana* d'Orbigny, 1846 : 635, as *Arca* loc. Payta, Peru. 2 Syntypes. Reg. no. 1854.12.4.786. = *Barbatia reeveana* (d'Orbigny, 1846).
- requiescens* Melvill and Standen, 1907 : 793, pl. 54, fig. 2, as *Arca* loc. Gulf of Oman, Persian Gulf. 24°58'N 56°54'E 156 fms. 4 × $\frac{1}{2}$ Syntypes. Reg. no. 1906.5.3.51-54. = *Samacra requiescens* (Melvill and Standen, 1907).
- reversa* Sowerby, 1833 : 20, as *Arca* loc. Peru. [Specimen label: Tumbes.] 3 Syntypes. Reg. no. 1969254. = *Noetia reversa* (Sowerby, 1833).
- rufescens* Reeve, 1844 : sp. 53, as *Arca* loc. Not known. Holotype. Reg. no. 1969173. = *Anadara inaequivalvis* (Bruguière, 1792).
- sanctahelenae* Smith, 1890 : 305, pl. 2, fig. 8-8b, as *Arca* loc. St Helena. 3 Syntypes. Reg. no. 1889.10.1.2432-4. = *Arca bouvieri* (P. Fischer, 1874).
- sculptilis* Reeve, 1844 : sp. 118, as *Arca* loc. Baclayon, Island of Bohol, Philippines. [Specimen label: Island of Bohol.] 3 Syntypes. Reg. no. 1969250. = *Striarca afra* (Gmelin, 1790).
- secticostata* Reeve, 1844 : sp. 38, as *Arca* loc. Not known. 3 Syntypes. Reg. no. 1840.6.11.33-35. = *Anadara secticostata* (Reeve, 1844).
- setigera* Reeve, 1844 : sp. 94, as *Arca* loc. Zanzibar. 2 × $\frac{1}{2}$ Syntypes. Reg. no. 1969181. = *Barbatia lacerata* (Linnaeus, 1758).
- solida* Sowerby, 1833 : 18, as *Byssosarca* loc. Payta, Peru. 2 Syntypes. Reg. no. 1969243. = *Striarca afra* (Gmelin, 1790).
- sowerbyi* d'Orbigny, 1846 : 637, as *Arca* loc. Guayaquil, Ecuador. Holotype. Reg. no. 1854.12.4.785. = *Anadara biangulata* (Sowerby, 1833).
- striata* Reeve, 1844 : sp. 121, as *Arca* loc. Not known. 3 Syntypes. Reg. no. 1969251. = *Striarca lactea* (Linnaeus, 1758).
- subrubra* Dunker, 1866 : 83, pl. 28, fig. 1, 2, as *Anomalocardia* loc. Philippine Islands. 2 Syntypes. Reg. no. 1969177. = *Anadara antiquata* (Linnaeus, 1758).
- symmetrica* Reeve, 1844 : sp. 117, fig. 120, as *Arca* loc. Manila Bay, Philippines. [Specimen label: I. of Luzon.] 3 Possible Syntypes. Reg. no. 1969260. = *Striarca afra* (Gmelin, 1790).
- tenebrica* Reeve, 1844 : sp. 105, as *Arca* loc. Basey, Island of Samar, Philippines. [Specimen label: I. of Samar.] 3 Syntypes. Reg. no. 1969247. = *Striarca tenebrica* (Reeve, 1844).
- tenella* Reeve, 1844 : sp. 91, as *Arca* loc. Island of Burias, Philippines. 3 Syntypes. Reg. no. 1969184. = *Barbatia tenella* (Reeve, 1844).
- triangularis* Gray, 1857 : 371 as *Noetia* loc. Not known. Holotype. Reg. no. 1968856. = *Noetia reversa* (Sowerby, 1833).
- truncata* Sowerby, 1833 : 19, as *Byssosarca* loc. Galapagos Islands. 3 Syntypes. Reg. no. 1969205. = *Arca ventricosa* Lamarck, 1819.
- tuberculosa* Sowerby, 1833 : 19, as *Arca* loc. Real Llejos. [Specimen label: Real Llejos, Central America.] Holotype. Reg. no. 1969227. = *Anadara tuberculosa* (Sowerby, 1833).
- velata* Sowerby, 1833 : 18, as *Byssosarca* loc. Pacific Ocean Island. [Specimen label: Lord Hood's and Chain Islands.] 3 Syntypes. Reg. no. 1969238. = *Barbatia helblingii* (Bruguière, 1789).

- vespertilio** Carpenter 1857 : 140, as *Byssosarca* loc. Mazatlan. Holotype. Reg. no. 1969258. = *Barbatia lurida* (Sowerby, 1833).
- vlrescens** Reeve, 1844 : sp. 97, as *Arca* loc. Catbalonga, Island of Samar, Philippines. [Specimen label: I. of Samar.] $2 \times \frac{1}{2}$ Syntypes. Reg. no. 1969188. = *Barbatia obliquata* (Wood, 1828).
- volucris** Reeve, 1844 : sp. 109, as *Arca* loc. Island of Burias, Philippines. [Specimen label: Philippines.] 3 Syntypes. Reg. no. 1969196. = *Arca avellana* Lamarck, 1819.
- zebuensis** Reeve, 1844 : sp. 120, fig. 117, as *Arca* loc. Island of Zebu, Philippines. 3 Syntypes. Reg. no. 1969248. = *Striarca afra* (Gmelin, 1790).

TYPE SPECIMENS NOT ISOLATED IN B.M.(N.H.)

- americana** Wood, 1828 : 6, pl. 2, fig. 1, as *Arca* loc. Bay of Campeachy.
- ambigua** Reeve, 1844 : sp. 65, as *Arca* loc. Not known.
- anomala** Reeve, 1844 : sp. 9, as *Arca* loc. Not known.
- auriculata** Sowerby, 1833 : 20, as *Arca* loc. St Elena.
- blangulata** Sowerby, 1833 : 21, as *Arca* loc. Atacamas, West Columbia.
- cardiiformis** Sowerby, 1833 : 22, as *Arca* loc. San Blas, Gulf of California.
- clstula** Reeve, 1844 : sp. 29, as *Arca* loc. Not known.
- crassicostata** H. Adams, 1873 : 209 loc. Persian Gulf.
- crenata** Reeve, 1844 : sp. 51, as *Arca* loc. Not known.
- donaciformis** Reeve, 1844 : sp. 104, as *Arca* loc. Mozambique Channel.
- emarginata** Sowerby, 1833 : 20, as *Arca* loc. Pacific Ocean: Atacamas, Real Llejes, Xi pisapi, Panama & Gulf of California.
- hanbeyana** Reeve, 1844 : sp. 68, as *Arca* loc. Harbour of Mozambique.
- labriata** Sowerby, 1833 : 21, as *Arca* loc. Real Llejes & Tumbes.
- lobata** Reeve, 1844 : sp. 19, as *Arca* loc. ? West Indies.
- multicostata** Sowerby, 1833 : 21, as *Arca* loc. Central America.
- nlvea** Reeve, 1844 : sp. 96, as *Arca* loc. Zanzibar.
- nodosa** Wood, 1828 : 6, pl. 2, fig. 8, as *Arca* loc. Not known.
- obllqua** Reeve, 1844 : sp. 41, as *Arca* loc. West coast of Africa.
- pertusa** Reeve, 1844 : sp. 28, as *Arca* loc. Mouth of Gambia, Africa.
- pygmaea** H. Adams, 1872 : 11, as *Scapharca* loc. Red Sea.
- radiata** Reeve, 1844 : sp. 40, as *Arca* loc. Not known.
- rotundicostata** Reeve, 1844 : sp. 46, as *Arca* loc. Not known.
- transversalis** H. Adams, 1872 : 11, pl. 3, fig. 16, as *Anomalocardia* loc. Red Sea.
- vellicata** Reeve, 1844 : sp. 33, as *Arca* loc. Not known.

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Mrs S. E. STEVENSON, B.Sc.
Department of Zoology
BRITISH MUSEUM (NATURAL HISTORY)
CROMWELL ROAD
LONDON, SW7 5BD